



Figure 1  
Emissions Test Data - CO

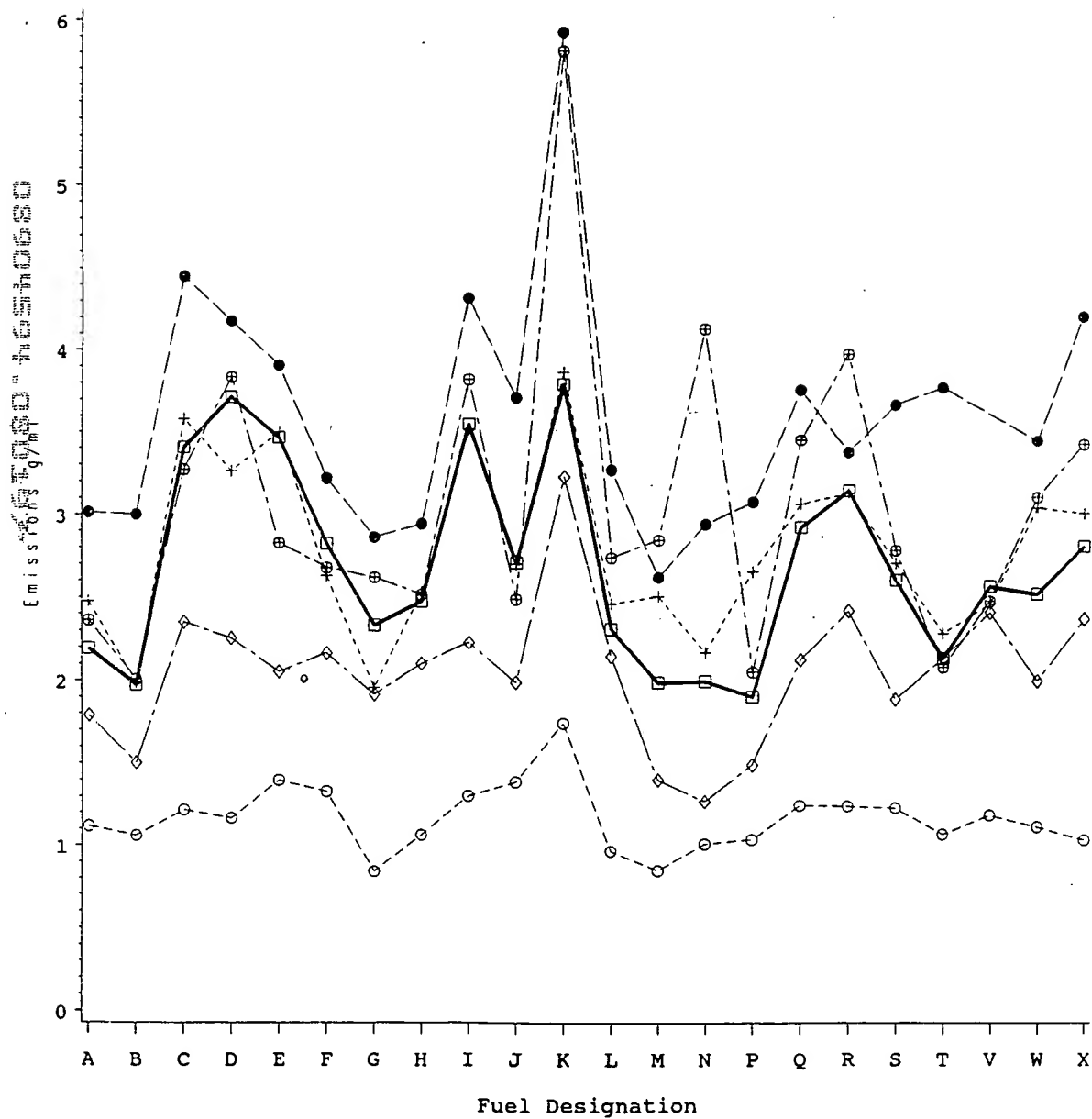
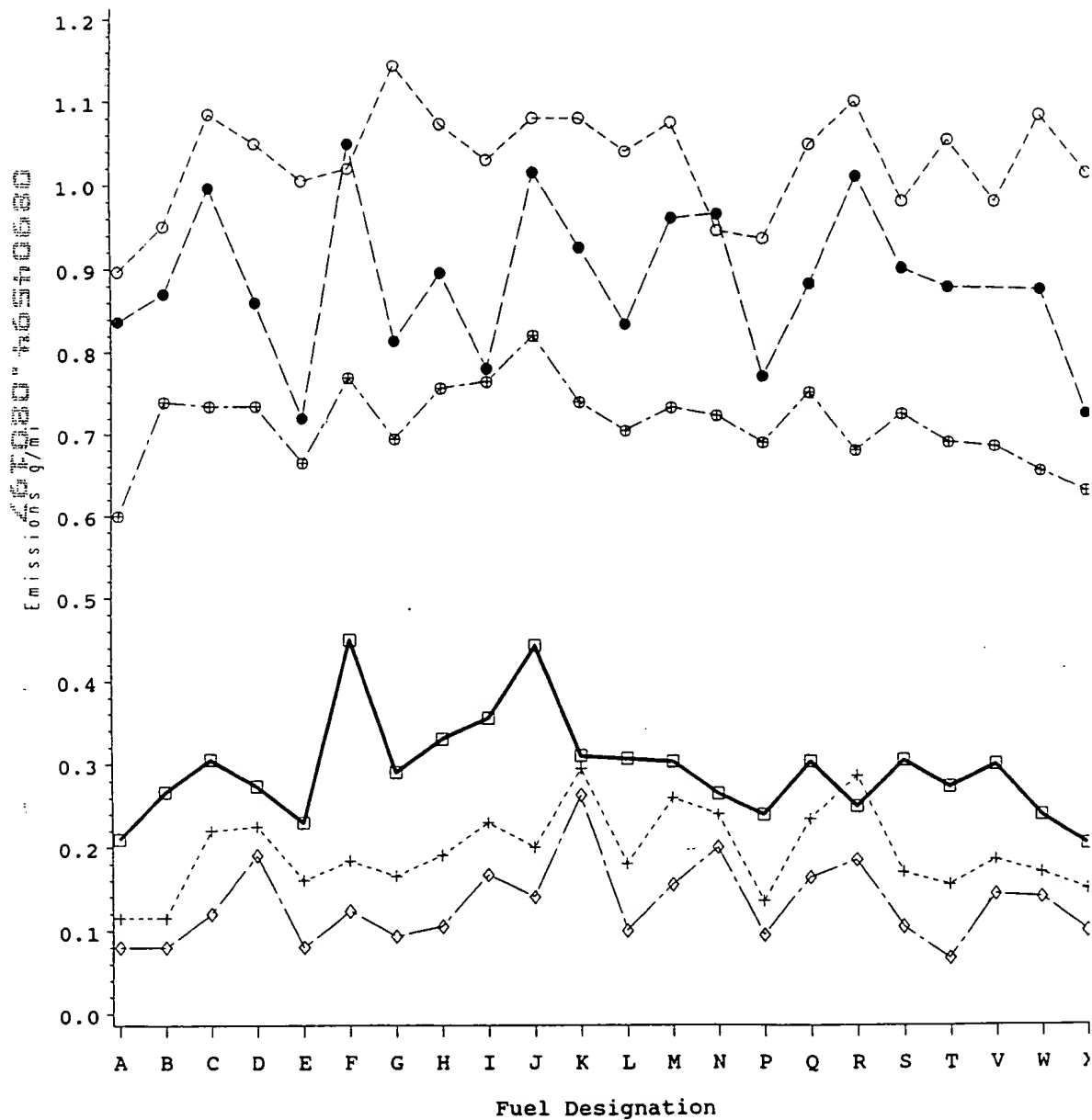
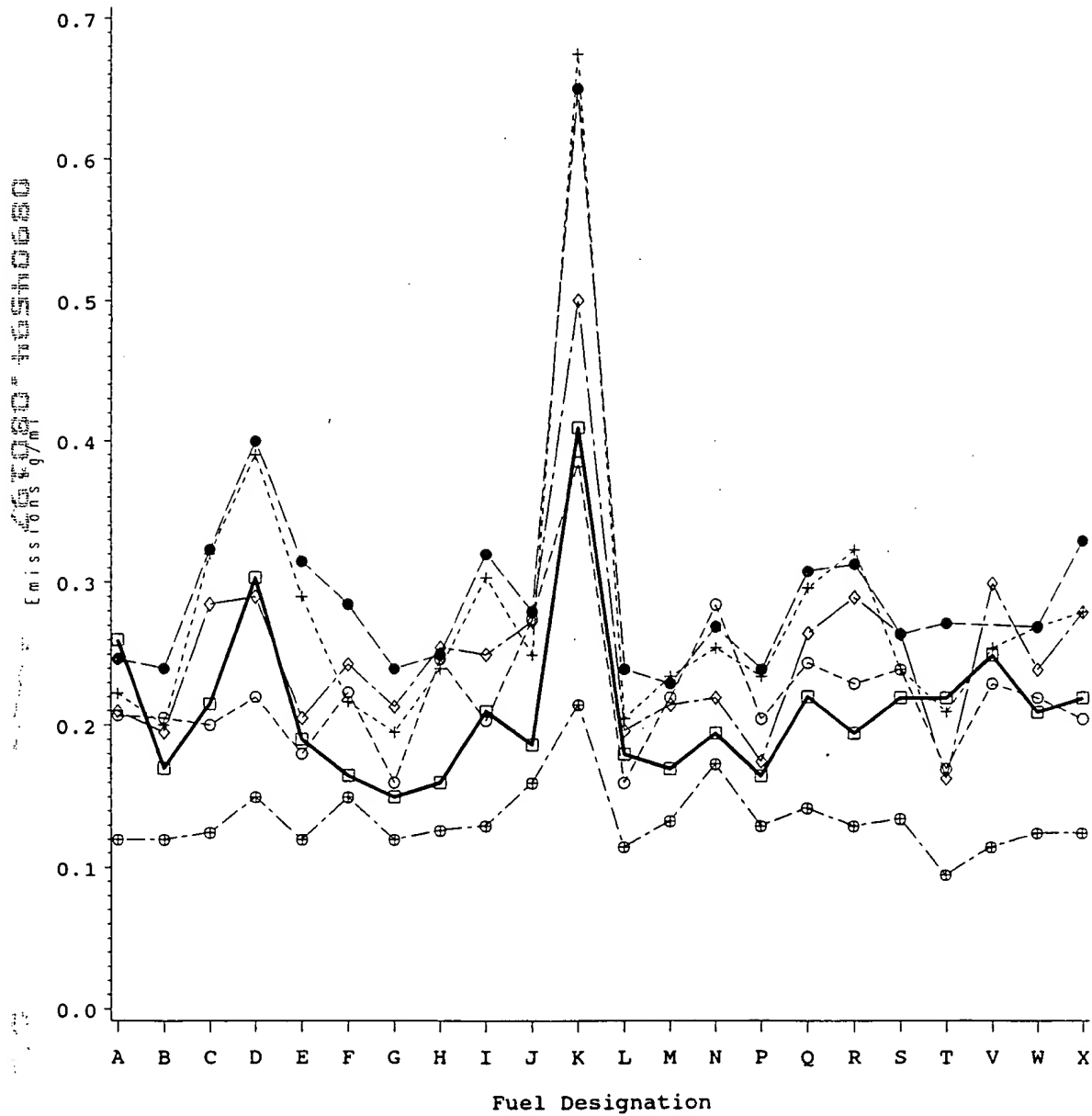


Figure 2  
Emissions Test Data - NOx



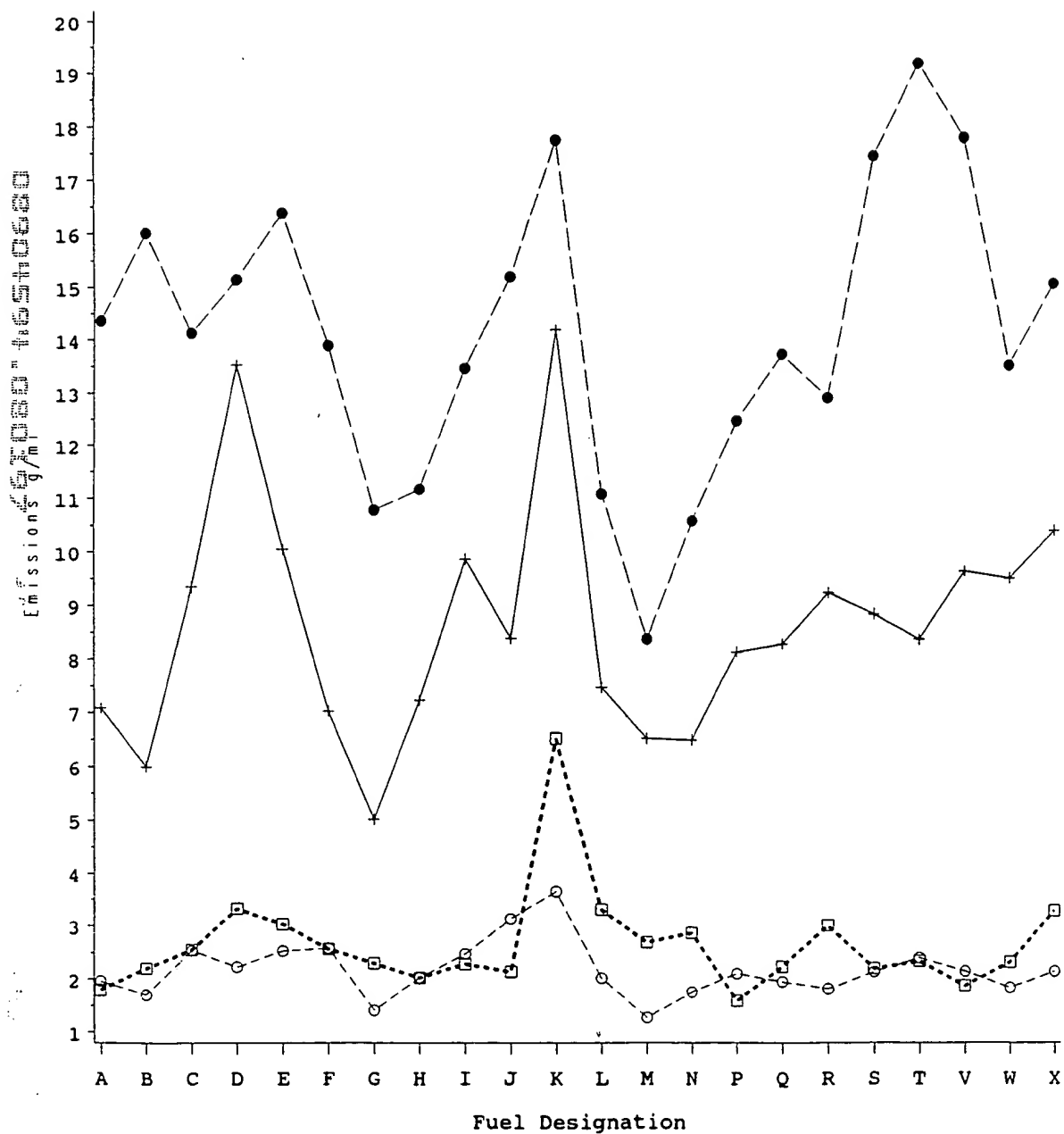
+ + + 1989 Calais    □ □ □ 1988 Olds 98  
 ° ° ° 1990 Lincoln    ... 1989 Taurus  
 ⊕ ⊕ ⊕ 1990 Shadow    ◇ ◇ ◇ 1990 Camry

Figure 3  
Emissions Test Data - HC



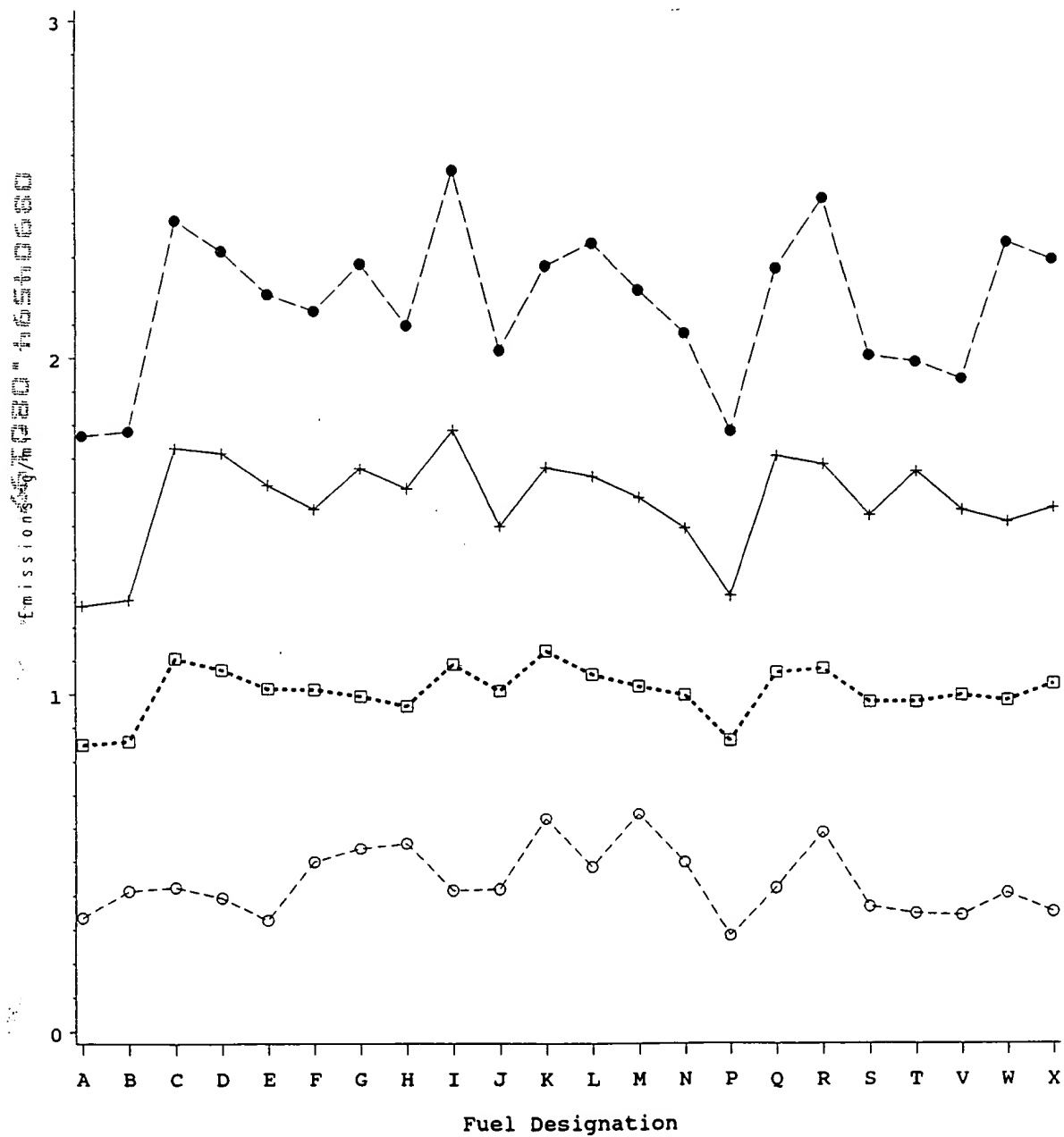
+ + + 1989 Calais    □ □ □ 1988 Olds 98  
 ○ ○ ○ 1990 Lincoln    · · · 1989 Taurus  
 ⊕ ⊕ ⊕ 1990 Shadow    ◇ ◇ ◇ 1990 Camry

Figure 4  
Emissions Test Data - CO



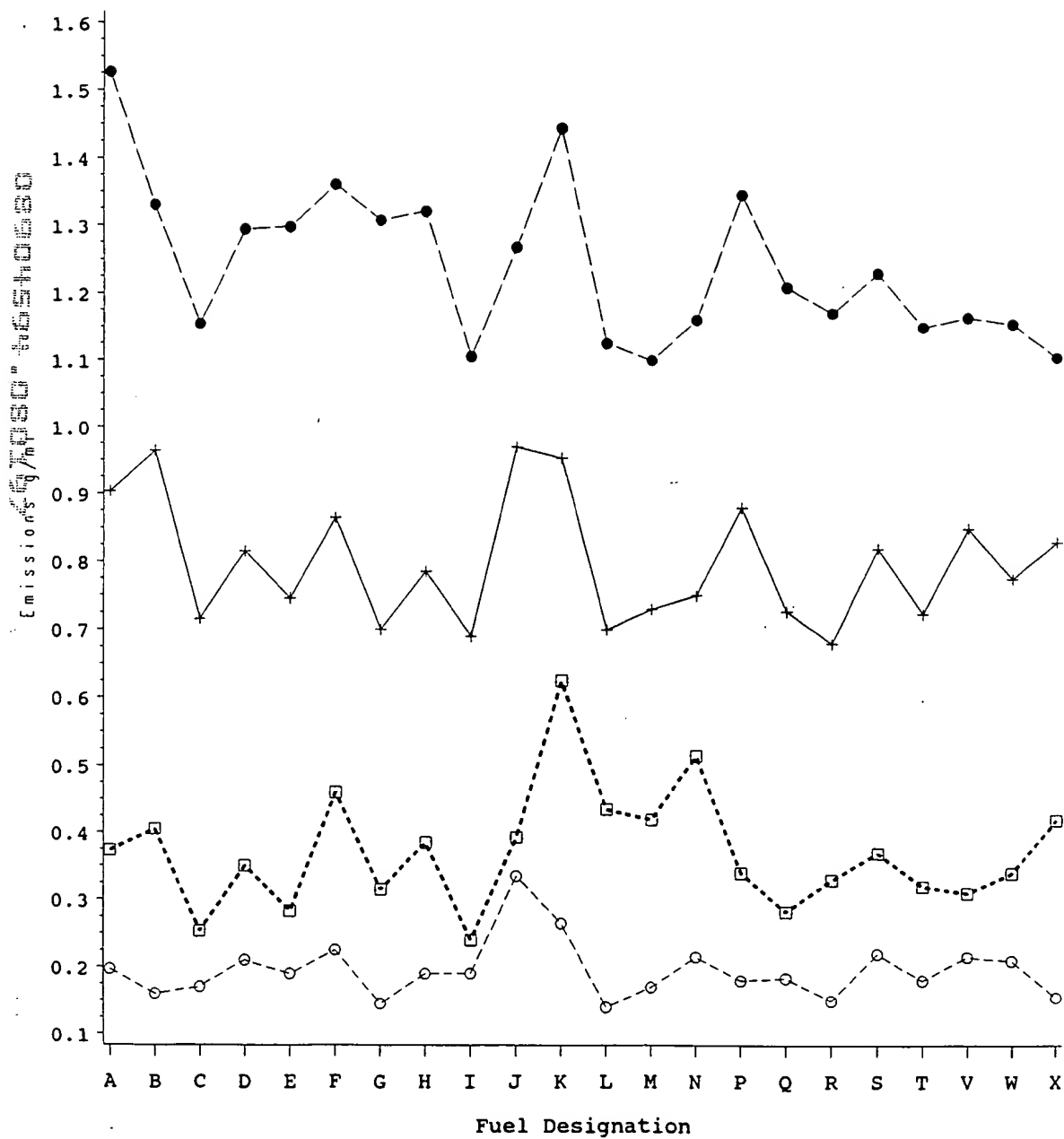
+ + + 1985 Tempo    □ □ □ 1984 Caprice  
 . . . 1988 Accord    . . . 1985 Suburban

Figure 5  
Emissions Test Data - NOx



+ + + 1985 Tempo    □ □ □ 1984 Caprice  
 . . . 1988 Accord    . . . 1985 Suburban

Figure 6  
Emissions Test Data - HC



+++ 1985 Tempo    □□□ 1984 Caprice  
 ... 1988 Accord    ... 1985 Suburban

**Figure 7** *Correlation between*

Car	Fuel Variable										R <sup>2</sup>
	Arom	Olef	Para	MTBE	RON	MON	T10	T50	T90	RVP	
1989 Calais			-					++ +			0.974
198 Oldsmobile 98			-					+			0.974
1985 Tempo			-					++ +			0.972
1990 Lincoln								+			0.971
1984 Caprice	-							+			0.926
1988 Accord								+			0.944
1989 Taurus								+			0.980
1990 Shadow			-					+	+		0.966
1985 Suburban			+					++ +	(-)		0.962
1990 Camry			-					++ +			0.968
Note: () indicates minor effects											

**Figure 8** *Individual Car Effects - NOx*

Car	Fuel Variable										R <sup>2</sup>
	Arom	Olef	Para	MTBE	RON	MON	T10	T50	T90	RVP	
1989 Calais		+	(-)				(+)			+++	0.973
1988 Oldsmobile 98		+					(+)			+++	0.965
1985 Tempo		+					(+)			+++ +	0.992
1990 Lincoln		+					+			+++ +++ +++ +++ +	0.995
1984 Caprice		+					+			+++ +	0.994
1988 Accord		+	(-)				(+)			+++ +++ +++ +++ +	0.978
1989 Taurus		+					(+)			+++ +++ +	0.991
1990 Shadow		+					(+)			+++ +++ +++ +	0.995
1985 Suburban		+					+			+++ +++	0.990
1990 Camry		+					(+)				0.894

Note: () indicates minor effects



**Figure 9**  
**Individual Car Effects - HC**

Car	Fuel Variable										R <sup>2</sup>
	Arom	Olef	Para	MTBE	RON	MON	T10	T50	T90	RVP	
1989 Calais		++			-			+			0.967
1988 Oldsmobile 98					-			+			0.948
1985 Tempo	-							+			0.993
1990 Lincoln	-							+			0.961
1984 Caprice	-							+			0.952
1988 Accord	-							+			0.951
1989 Taurus		+			-			+			0.973
1990 Shadow	-							+			0.965
1985 Suburban	-							+			0.988
1990 Camry		++			-			+			0.977